

FIG. 2 (a)

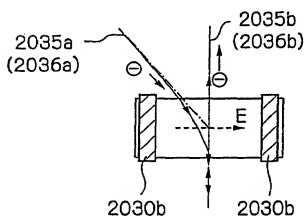


FIG. 2 (b)

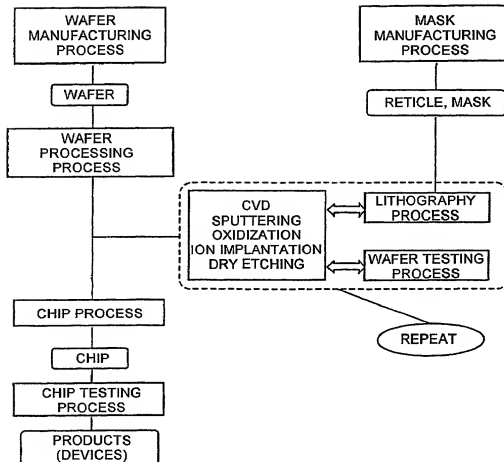


FIG. 3

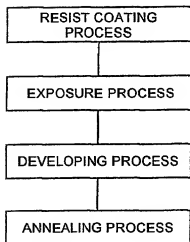


FIG. 4(a)

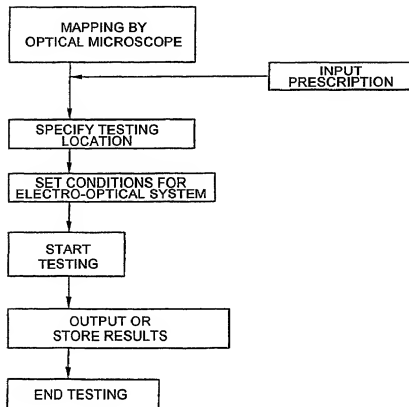


FIG. 4(b)

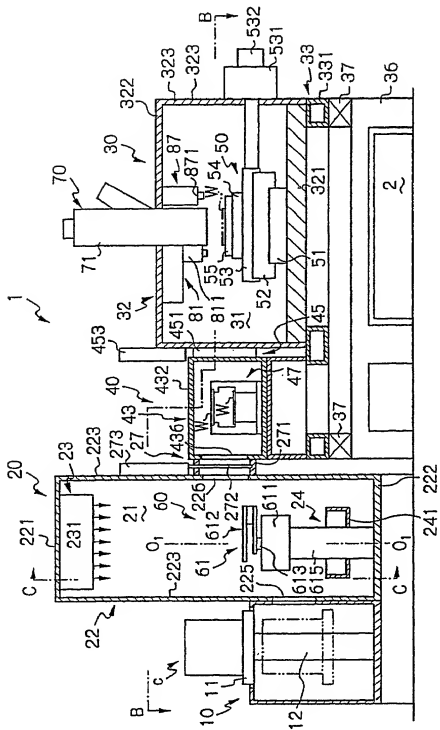
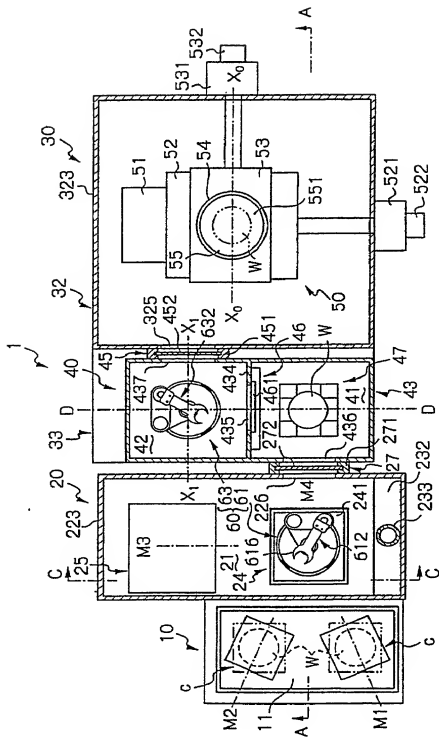


FIG. 5



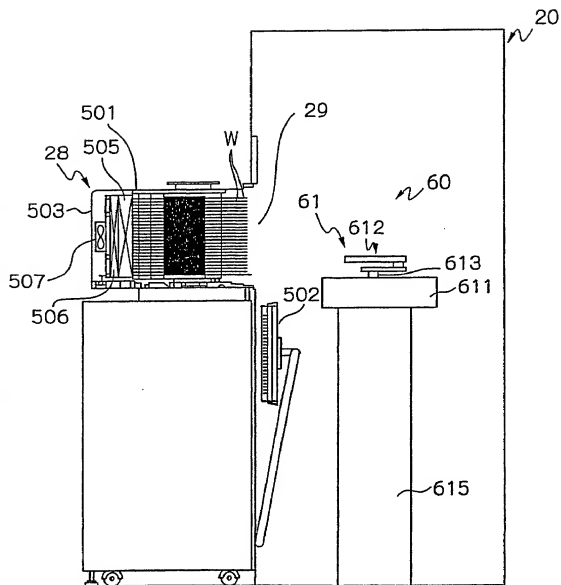


FIG. 6(b)

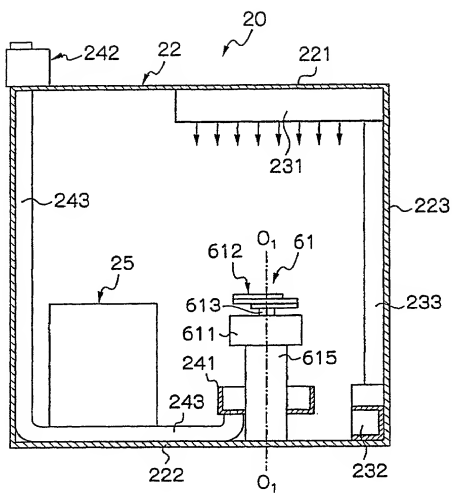


FIG. 7



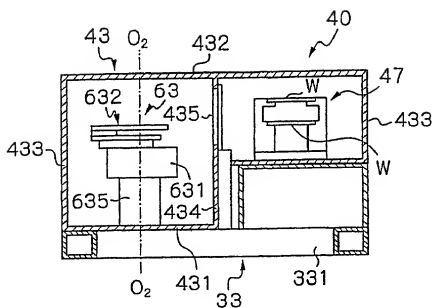


FIG. 8

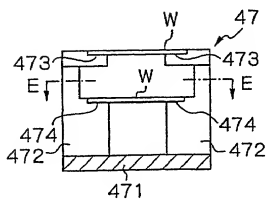


FIG. 9 [A]

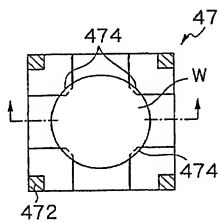


FIG. 9 [B]

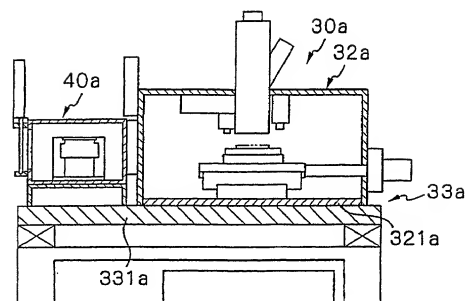


FIG. 10 [A]

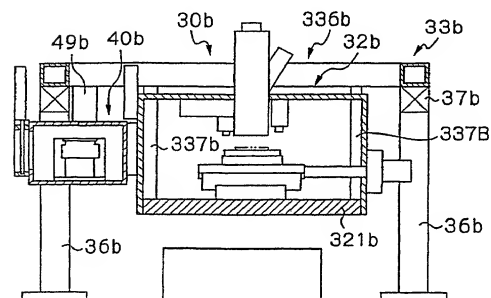


FIG. 10 [B]

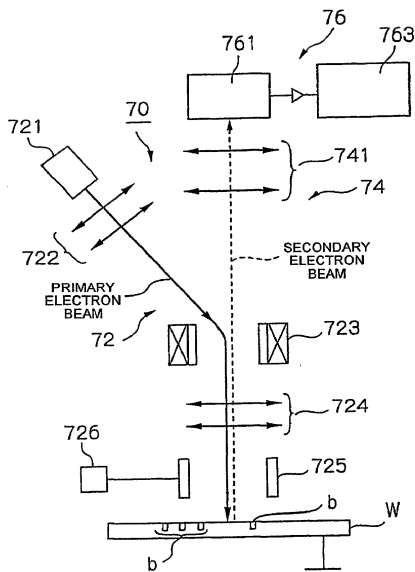


FIG. 11

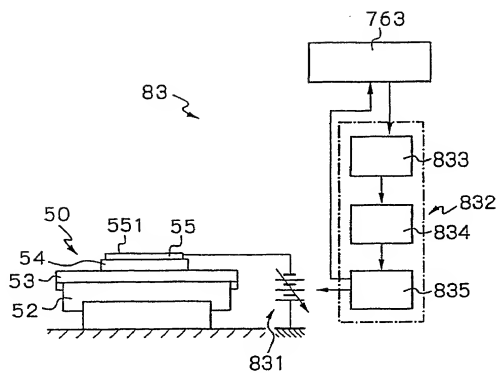


FIG. 12

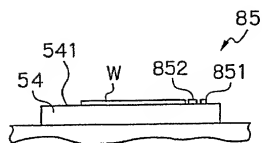


FIG. 13 [A]

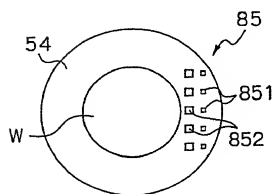


FIG. 13 [B]

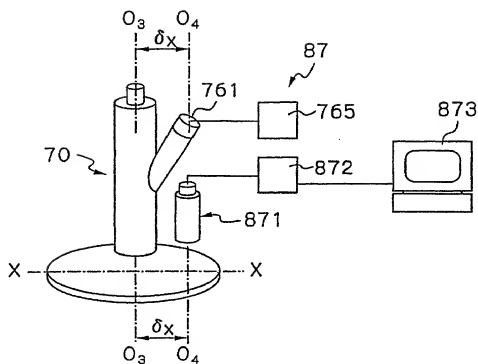


FIG. 14

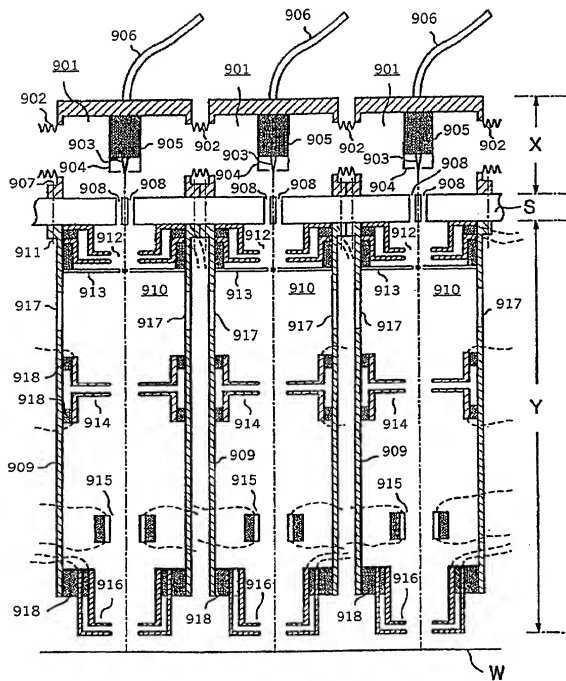


FIG. 15

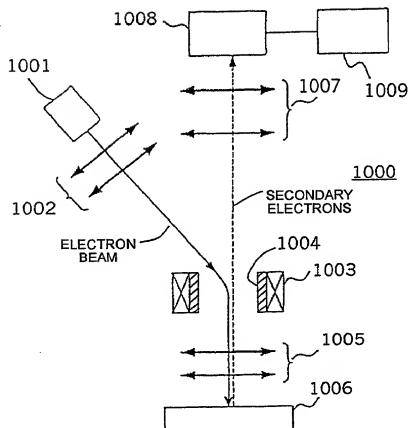


FIG. 16

BREAKDOWN OCCURRENCE  
PROBABILITY FOR EACH METAL

METAL	WORK FUNCTION [eV]	BREAKDOWN OCCU- RENCE PROBABILITY
ALUMINUM	4. 2	HIGH
GOLD	4. 9	MIDDLE
PLATINUM	5. 3	LOW

FIG. 17



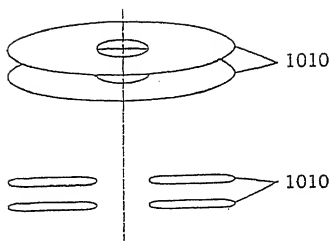


FIG. 18

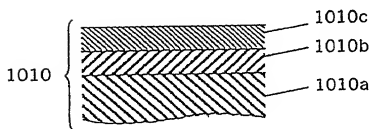


FIG. 19

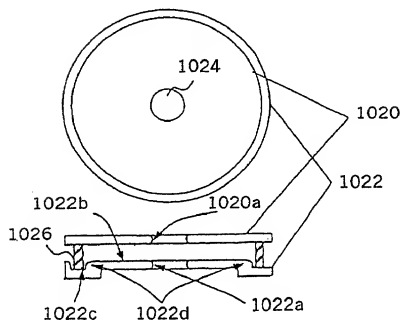


FIG. 20

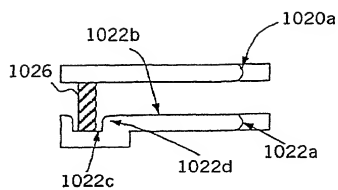


FIG. 21

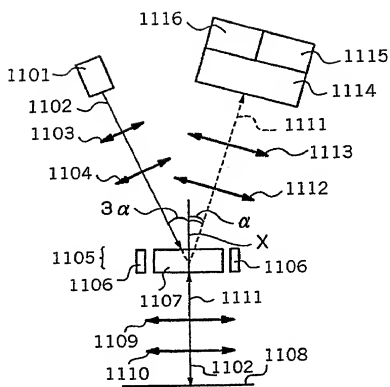


FIG. 22



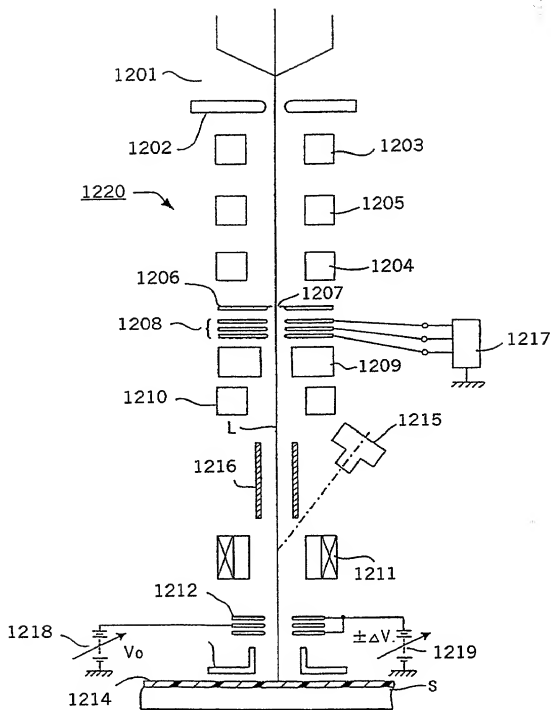


FIG. 24

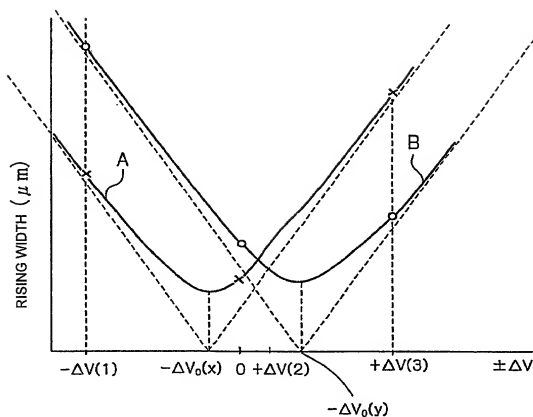


FIG. 25 (a)

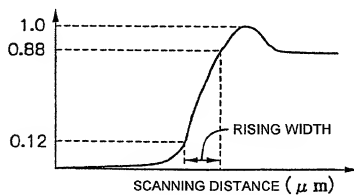


FIG. 25 (b)



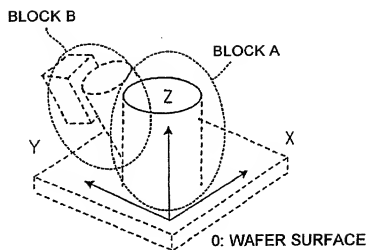


FIG. 27 (a)

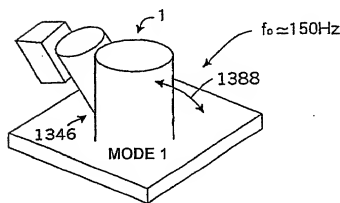


FIG. 27 (b)

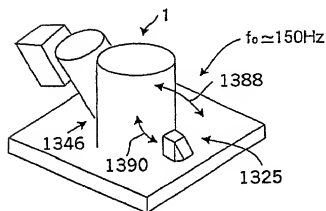


FIG. 27 (c)





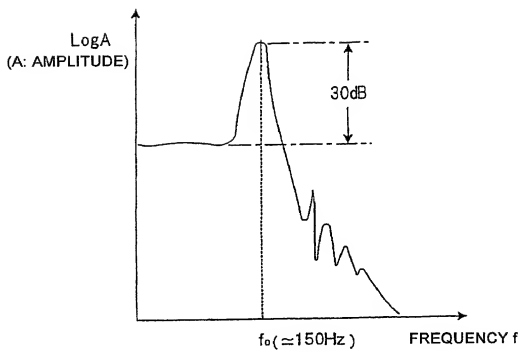


FIG. 29

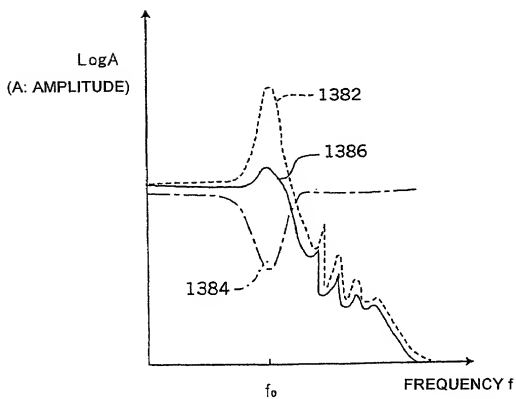


FIG. 30

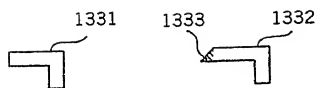


FIG. 31 (a)

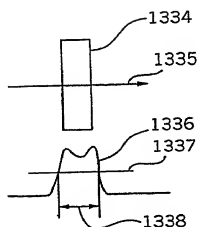


FIG. 31 (b)

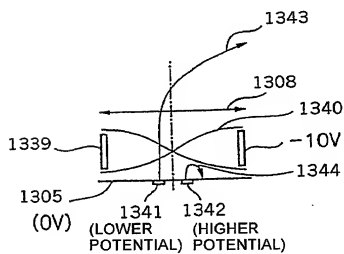


FIG. 31 (c)

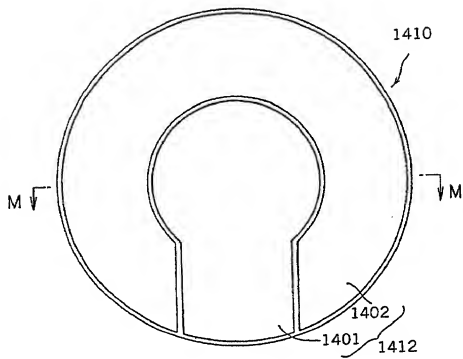


FIG. 32

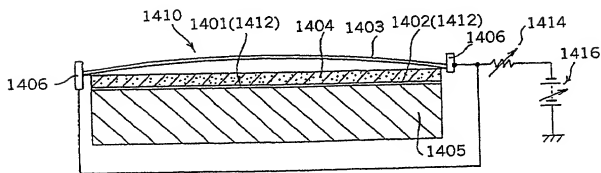


FIG. 33

1022074.2426650

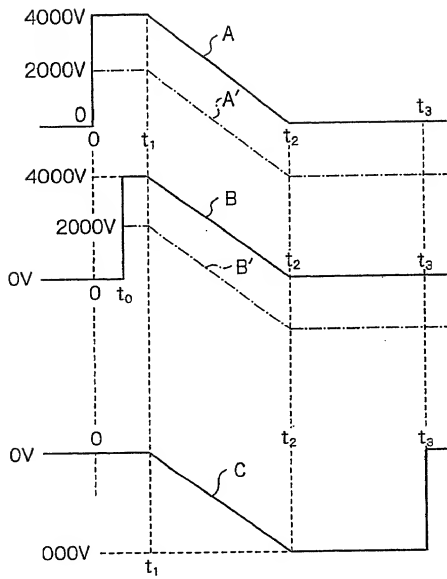


FIG. 34 (a)

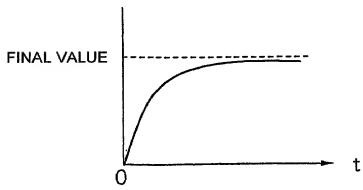


FIG. 34 (b)

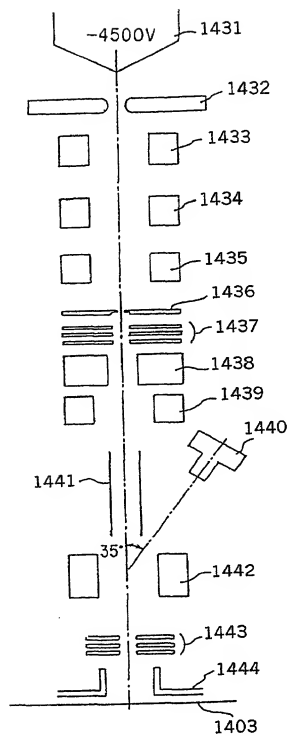


FIG. 35

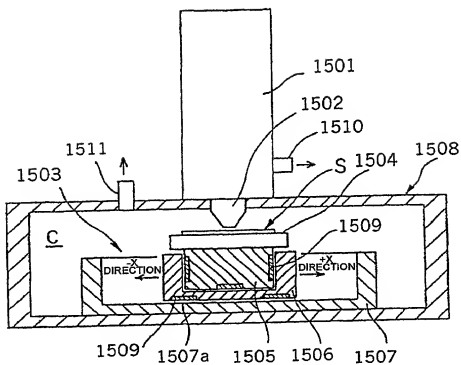


FIG. 36 [A]

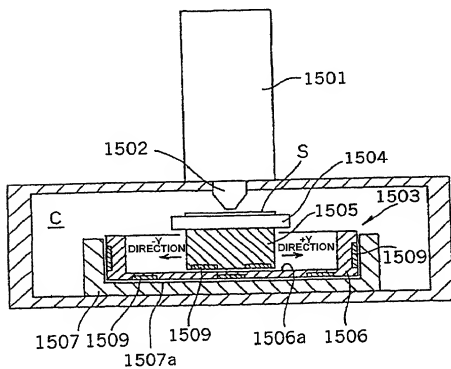


FIG. 36 [B]

1505,1506

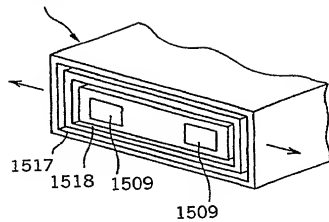


FIG. 37



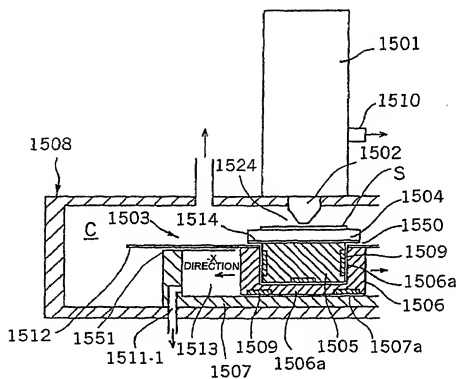


FIG. 38 [A]

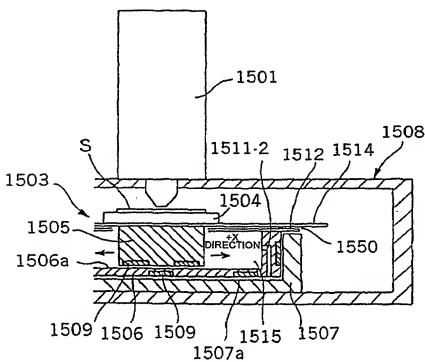


FIG. 38 [B]

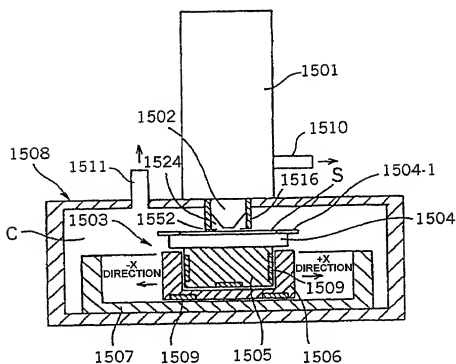


FIG. 39

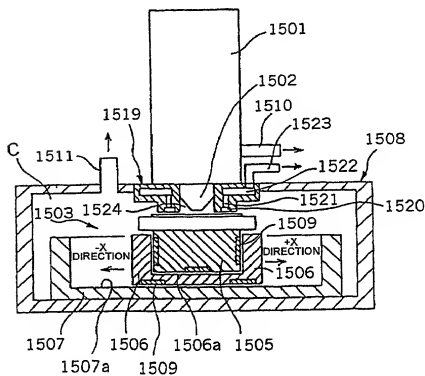


FIG. 40



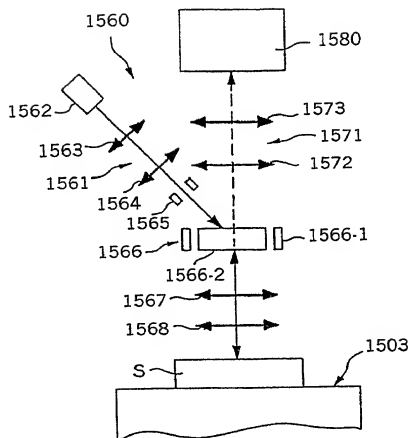


FIG. 43

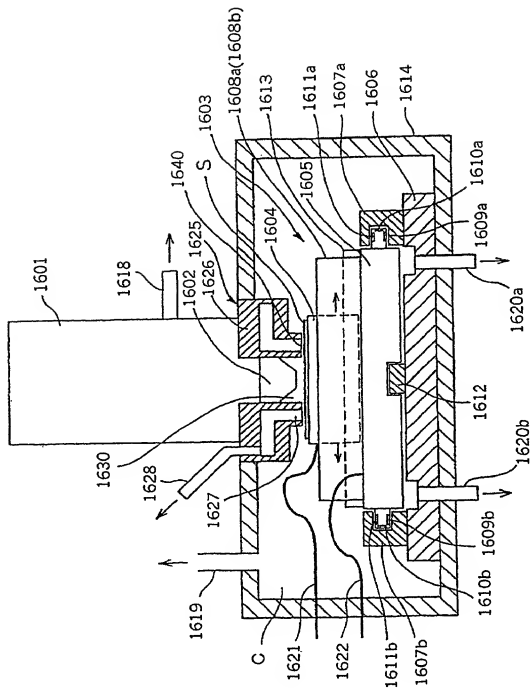


FIG. 44



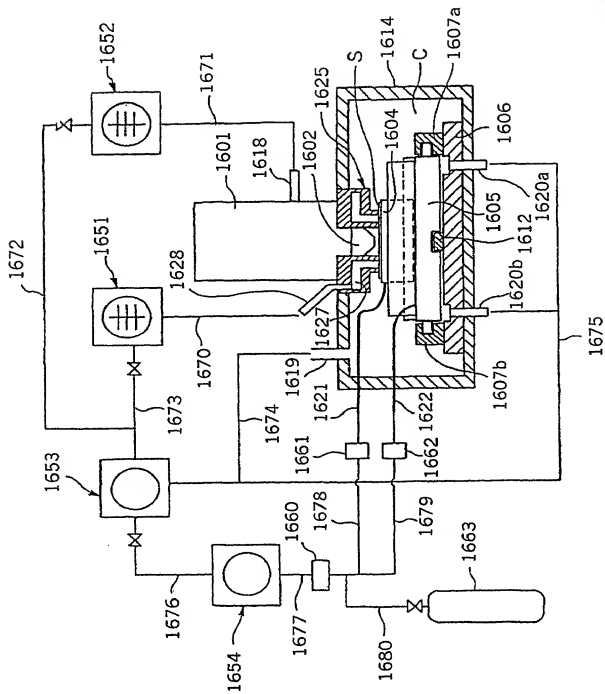


FIG. 46

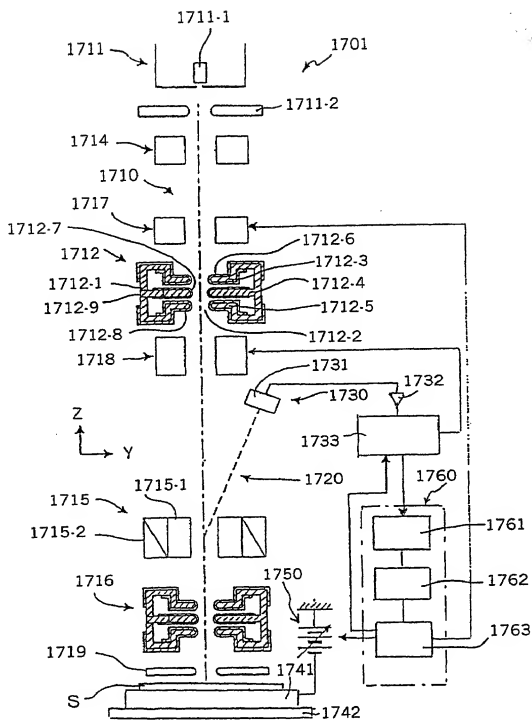


FIG. 47



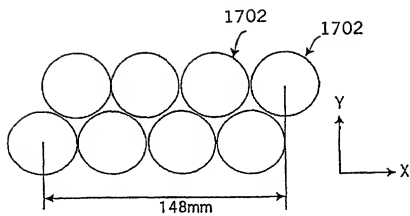


FIG. 48

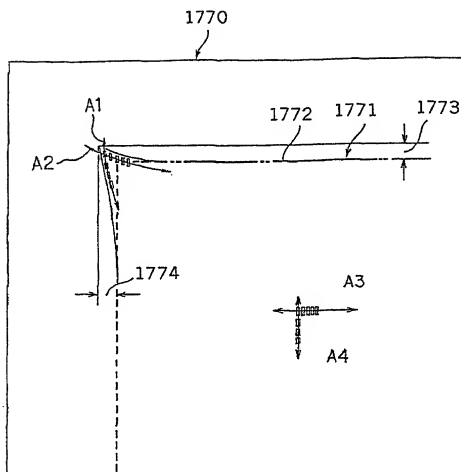


FIG. 49 [A]

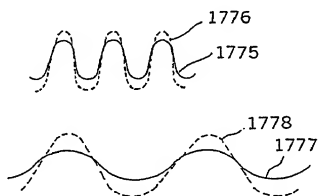


FIG. 49 [B]



400207 270600

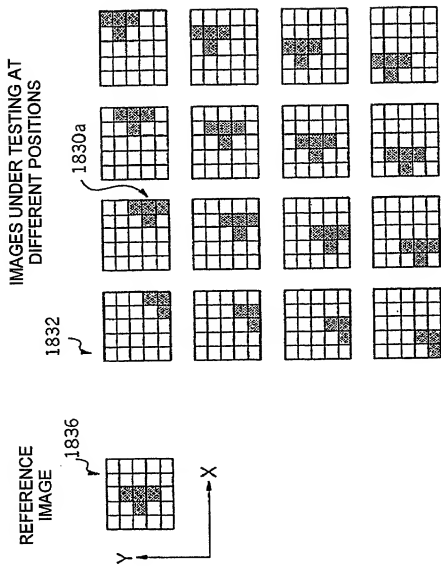


FIG. 51

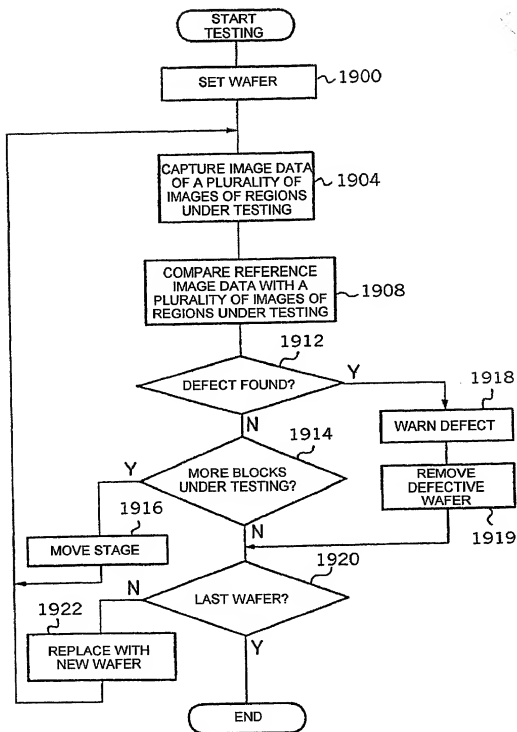


FIG. 52

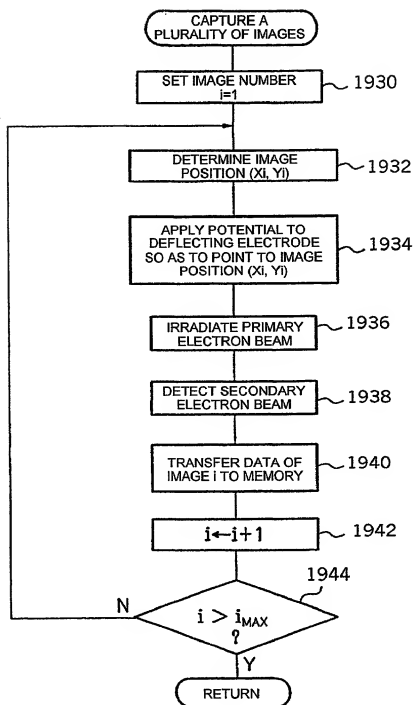


FIG. 53

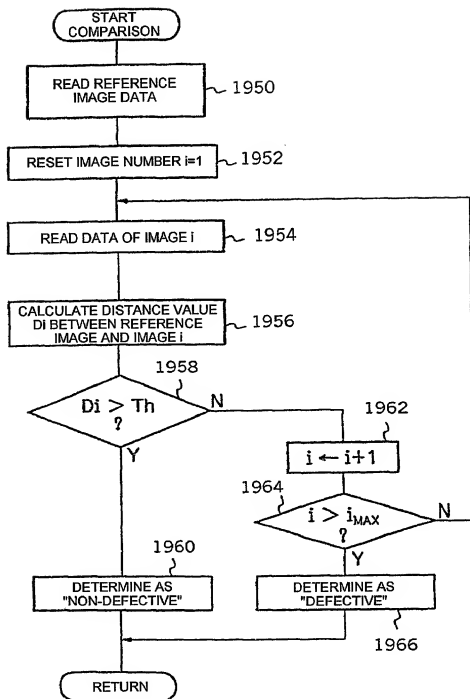


FIG. 54

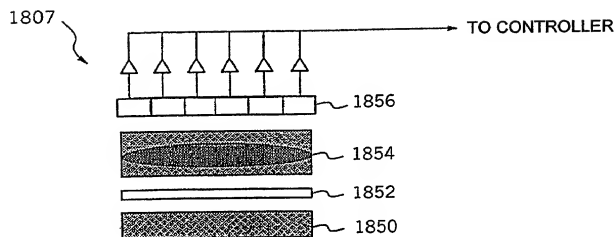


FIG. 55



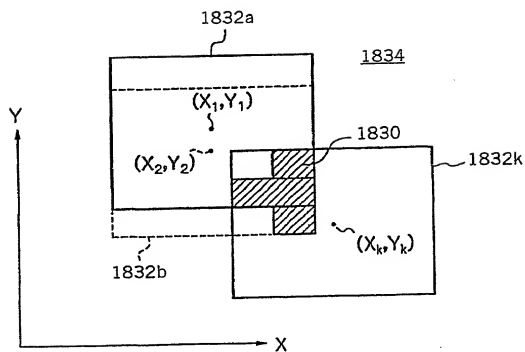


FIG. 56